# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Tuesday 16 Mar 2021 until 23:59 on Wednesday 17 Mar 2021

Forecast Issued on Monday 15 Mar 2021 at 11:48

**Confidence:** High for an improving day on Tuesday but there is some uncertainty in the timing of low cloud clearance, give or take a couple of hours. High for mainly dry conditions for the rest of the period with high pressure building. Lower confidence for temperatures from Thursday.

**Headline for Tuesday 16 Mar 2021:** Low cloud and patchy rain in morning, becoming sunny in afternoon. Breezy on the tops.

**Mountain weather hazards on Tuesday 16 Mar 2021**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>High Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Low Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Light rain | Light rain | Light rain | Light rain | Cloudy | Sunny | Clear night | Clear night |
| Precipitation probability | | | | | | | |
| 60% | 80% | 80% | 60% | 10% | <05% | <05% | <05% |

**Forecast for Tuesday 16 Mar 2021**

**Weather:** Extensive low cloud with outbreaks of rain or drizzle overnight and for much of the morning, the rain mainly light in nature. This will clear south in the afternoon then dry with long spells of sunshine. Staying dry and clear in the evening.

**Chance of cloud free mountain/hill tops above 600m:** 5% overnight and for much of the morning but becoming 95% as cloud clears in the afternoon.

**Visibility:** Fog at most heights overnight and through much of the morning with extensive cloud down to low slopes. This will clear away during early afternoon with excellent visibility from then on.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Tuesday 16 Mar 2021**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 10/14 SW | 14/19 SW | 15/21 W | 21/29 W | 19/28 NW | 19/28 N | 12/17 NE | 13/20 NW | 13/21 N |
| **300** | 6/10 SW | 9/12 SW | 13/20 W | 15/23 W | 15/24 NW | 15/24 NW | 9/16 N | 8/13 NW | 8/13 N |
| **Valley** | 3/8 SW | 4/10 SW | 7/17 W | 10/20 W | 11/22 NW | 12/23 NW | 6/15 N | 5/14 NW | 4/12 N |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 3/-1 | 4/-1 | 5/0 | 5/0 | 7/2 | 9/5 | 6/3 | 4/0 | 3/-1 |
| **300** | 5/3 | 6/3 | 7/3 | 7/3 | 8/5 | 11/8 | 9/7 | 6/4 | 5/2 |
| **Valley** | 6/5 | 6/4 | 7/4 | 7/5 | 9/7 | 12/10 | 9/7 | 6/4 | 5/3 |
| **Freezing Level*** | 1700m | 1900m | 1700m | 2100m | 1600m | 1500m | 1200m | 1100m | 1000m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Once the low cloud clears away and sun comes out it will feel very mild, even warm, in the afternoon at low levels with highs of 13 to 15 Celsius. Still feeling cool on the tops though with a fresh northerly breeze.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Mon 15 Mar 2021 | 0mm | 0mm | 0mm |

**Forecast for Wednesday 17 Mar 2021**

**Weather:** Dry with bright or clear spells. A chilly start to the day and remaining rather cool on the tops throughout but becoming quite mild in the valleys.

**Maximum wind:** North or northwest, 20mph gusts 30mph decreasing to 10-15mph.

**Chance of cloud free mountain/hill tops above 600m:** 90%.

**Visibility:** Generally very good. Patchy cloud obscuring the summits at the very start of the day, quickly lifting.

**Temperature:** **Valleys:** Plus 3C rising to 10 or 11C.
**At 600m:** Plus 1C rising to 7C.
**Freezing level:** Above summits.

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